Operating instructions TV

Contur 2063
Contur 2070
Profil 3463
Profil 3470
Profil 3472

233–28657.021 · Printed in Germany

LOEWE.

Contents

Remote Control – TV Functions **3**

Control Panel on the TV Set **4**

Connections on Rear of TV Set **5**

Welcome **6**
- Thank you
- For Your Safety
- Equipment of the TV Set
- Installation and Cleaning
- Disposal

Switching on for the first time **7-10**
- Batteries – Remote Control 7
- Connecting 7
- Switching on 7
- Switching on for the first time 7
- Selecting Menu Language 8
- TV Location 8
- Terrestrial or cable aerial system 8
- * Setting Satellite Parameters 8-10
- Sorting Channels 10
- Deleting Channels 10
- Reserving/Inserting Channel Position 10

Daily Use **11-17**
- Switching on/off 11
- Eco-standby 11
- Time/Date Timer Options 11
- Changing Channels 12
- Channel Preview 12
- Adjusting Sound 12
- Adjusting Picture 14
- Standard settings 14
- Parental Lock 14
- Displays 15
- Teletext Mode 15-17

Operating Additional Equipment **18-22**
- Operating Audio/Video Equipment 18
- Connecting Headphones 18
- Connecting Hi-fi Amplifier 18
- Connecting Video Equipment 18
- Connecting Video Recorder to VHF/UHF TV Aerial Input 18
- Video Playback over TV Aerial Input 18
- Connecting Video Recorder via AV Cable 19
- Operating Video Equipment via Video Operating Strip 20
- Video Menu and Timer Recording 20
- Changing or Cancelling Timer 21
- Playing Back Radio Signals over TV Set 21
- Connecting TV Camera or Camcorder to AVS Front Connection Sockets 22
- Video Playback via Other Channel Numbers 22
- Decoder Channels 22

Converting Remote Control for VTR or DVD Equipment **23**

TV Index **23**

Setting Channels Manually **24-25**

What to do when … **26-27**

Technical Data **28**

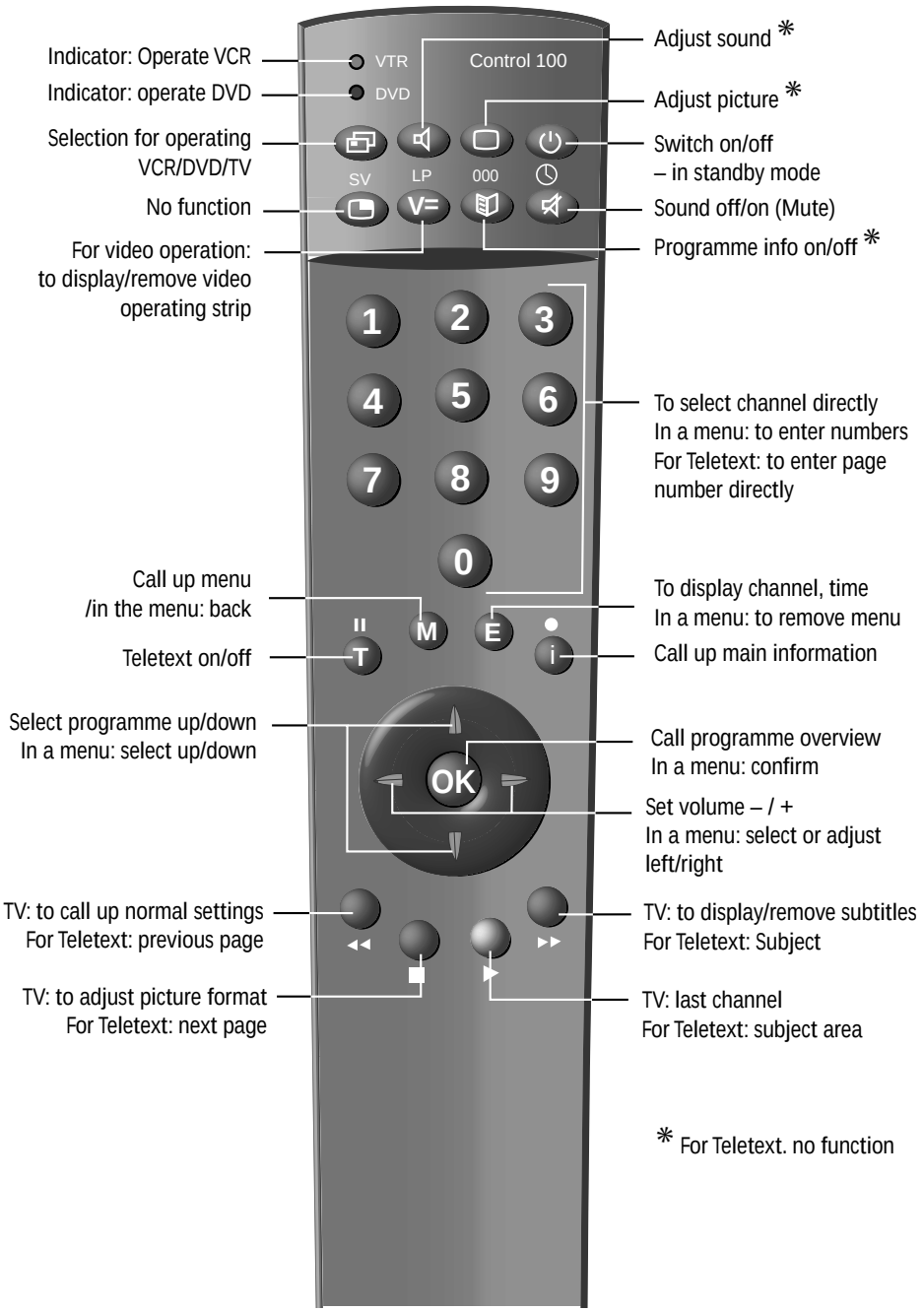
Available Accessories **28**

Code Number for the Parental Lock **29**

Service Addresses **30**

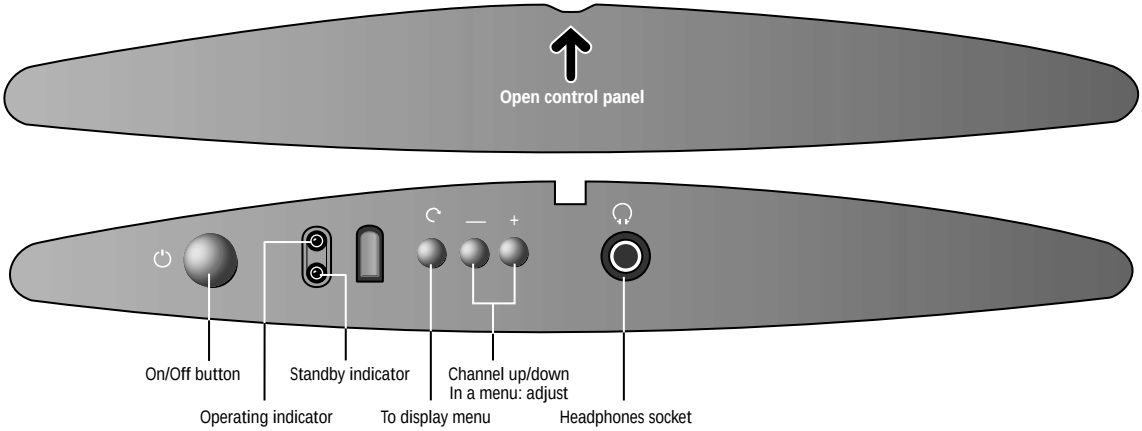
* depending on equipment and type of appliance

Remote control – TV functions

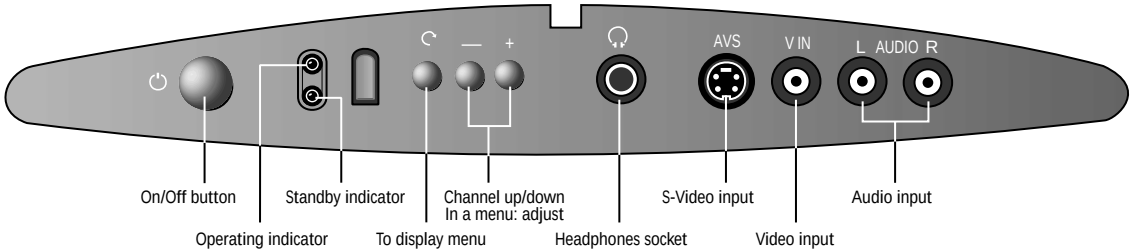


Operating Panels

Contur 2063
Contur 2070
Profil 3463
Profil 3470

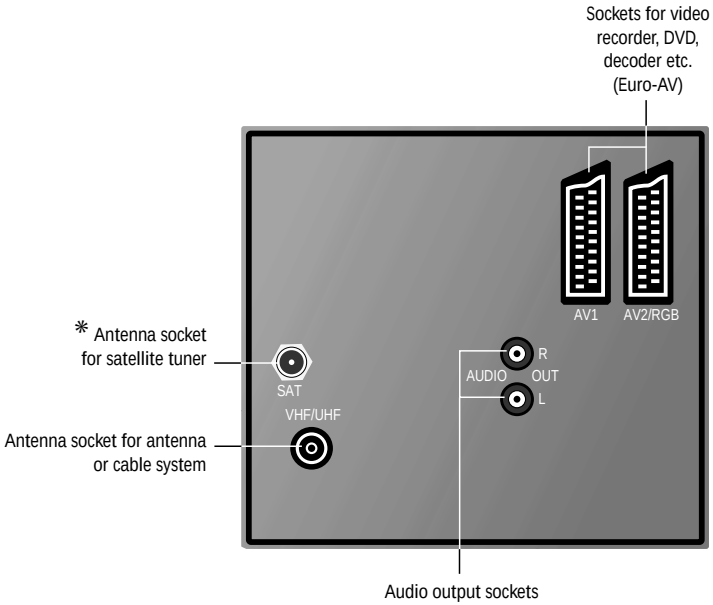


Profil 3472



To switch on/off:
If the TV is switched on with the On/Off button, the green operating indicator is lit.
If the TV is switched to standby using the remote control, the red indicator is lit.
If no indicator is lit, then the TV set is disconnected from the mains power supply.

Connections on the Rear of TV set



* retrofittable

Welcome

Thank you,

for choosing a Loewe product.
We are happy to have you as a customer.

At Loewe we combine the highest demands on technology, design and user friendliness. This applies equally to TV, video and accessories. Neither the technology nor the design shall be an end in themselves but shall rather provide our customers with the greatest possible viewing and listening pleasure.
With the design, we have not let ourselves be guided by short-lived fashion trends. After all, you have purchased a high-quality appliance which you don't want to get tired of looking at tomorrow or the day after.

About the appliance
We have designed the TV so that you can operate it easily with the aid of menus.
For example, display the Main Information using the i-button on the remote control
The equipment features of your TV will be displayed under "Technical spec. of TV set".

As far as the operation of the TV set is concerned, you can call up important functions directly from the index.

About the Remote Control
You can control three Loewe appliances with the remote control; this TV set, as well as a video recorder and a Loewe DVD player.

For Your Safety ...

For your own safety and to prevent unnecessary damage to your appliance, protect it from ...

- liquids and moisture; do not place any objects containing liquids on the appliance
- jolts and mechanical strain
- magnetic and electrical fields
- cold, heat and severe temperature fluctuations
- open flames, candles
- covers which obstruct ventilation, such as magazines, mats or curtains, etc.
- manipulations inside the appliance

If you have brought the appliance from the cold into a warm environment, let it stand switched off for about an hour to prevent any formation of condensation.

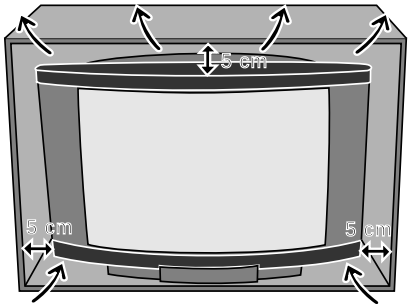
Lightning can damage your TV set via the aerial and the mains power supply. For this reason, disconnect the aerial and the mains plug from the sockets during thunderstorms and long periods of absence.
Your new TV has been constructed exclusively for use in the home. The guarantee conditions cover this normal use of the TV.
Have repairs carried out exclusively by Loewe Service staff.

Equipment of the TV set

All equipment options will be described in the operating instructions.
Not all appliance types are equipped with functions marked with *.
The illustrated menu contents may vary depending on the equipment of the set.
You can find out about the equipment of your TV set under Main Information – Technical spec. of TV set.

Installation and Cleaning

Place the TV in a location with space for ventilation.



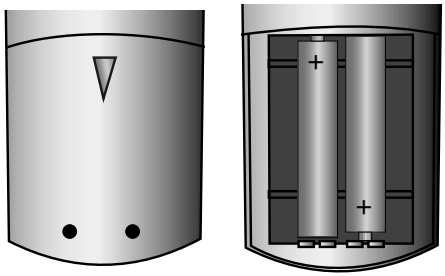
Ensure the quality of the picture is not impaired by reflections of bright light or sunlight.

Only use a damp, soft, clean cloth (without any aggressive or abrasive cleaning agents) to clean the TV set and remote control.

Switching on for the first time

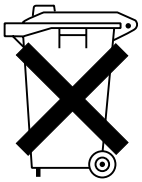
Batteries – Remote Control

To insert or replace the batteries, press where an arrow is imprinted. Slide the battery compartment cover downwards and remove it. Insert Alkaline Manganese LR 03 (AAA) batteries and make sure + and – poles are located in the correct positions.



Then slide on the cover again.

Notes on battery disposal:

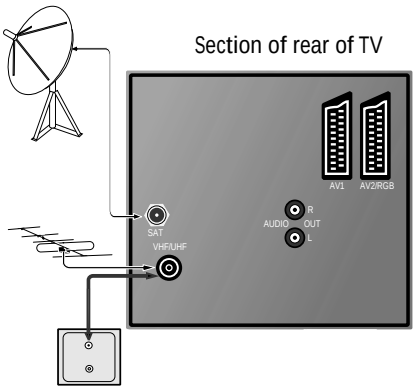


The original batteries do not contain any pollutants such as cadmium, lead and mercury. Used batteries do not belong in the domestic waste. They must be taken to the appropriate collection points according to the national laws. Ask your dealer.

Connecting

Power supply
Connect the TV set to a 230V/50-60 hertz socket.

Aerials
Connect your aerial or cable system to the VHF/UHF aerial socket.
If the set is equipped with a satellite turner, connect the Sat aerials to the "SAT A/D" socket.



Switching on

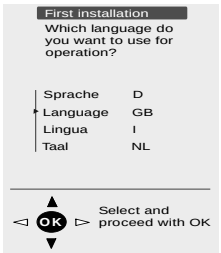
Except on the Xelos the On/Off key is behind the operating panel cover. Open the flap of the operating panel.

Press the On/Off button so that it clicks into position and the green operating indicator lights up.

Switching on for the first time

The TV's automatic programming is prepared the **first** time you switch on the appliance, "Switching on for the first time".

Selecting and adjusting using the remote control and the on-screen menus:
The line / function selected from the menu is displayed in blue.
The buttons for the relevant operation are depicted symbolically in the lower part of a menu. Possible directions for making selections are represented by solid black arrow head(s). Additional button symbols are displayed for other operating options in a menu. Use M to take you back to the previous menu or E to remove the menu.
For example:



Use the up / down arrows imprinted on the ring of the remote control to select a line / term in the menu

confirm the selection with OK, this will save a setting or take you to the next menu.

Make a selection using the right/left arrows, or change the settings.

→

Switching on for the first time

Selecting Menu Language

Follow the menus and perform the necessary adjustments in the following sequence.

- First you have to select the menu language for your TV set using the **remote control**.
- Pressing the OK button will take you to the "**Location of TV set**" menu.
  Indicate the country in which you are using the appliance.

Note

If your TV set is equipped for satellite reception, additional adjustments will need to be made based on the available satellite aerial system. In this case, carry out the operating steps described in the section "Setting satellite parameters".

Automatically searching for and saving terrestrial or cable channels:

After you have answered all the questions for automatic programming, the selected settings will be displayed.

Check whether the settings are correct.

To search and save, select …

- the line "**Start search**".
- Then start automatic programming with the **OK** button.
  The TV searches for, saves and sorts all the channels that can be received by your aerial system and then displays the channel preview.
- Remove the channel preview with the E button.

✳ Setting Satellite Parameters

Selecting the satellite aerial system for automatic programming:

You can determine whether to automatically search for and save satellite channels only, or both satellite and cable channels.

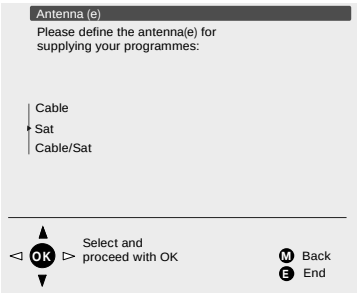
Each individual channel position on the TV can be assigned a terrestrial TV channel, cable channel, satellite TV channel or satellite radio station.

- In the "Aerial(s)" menu, indicate which aerial(s) is (are) connected to your TV.

Terrestrial or cable aerial system:

If you can only receive channels from terrestrial broadcasting stations or from a cable network, then select "**Cable**".

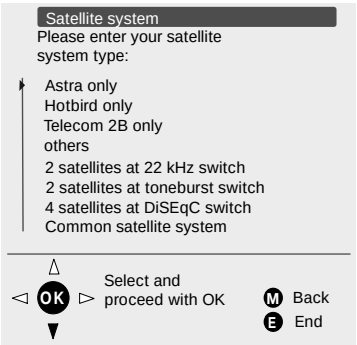
If you can receive cable channels and satellite channels, then …



select the line "**Cable and Satellite**".

Confirm with OK, this will open another menu.

Make a selection in this menu based on your satellite aerial system.



This TV set offers the following control system options for satellite aerials:

- DiSEqC 1.0 for DiSEqC Multi-switch
- Switching voltage 13 / 18 volt
- Switching frequency 0 / 22 kHz
- Sound burst switch

If necessary, ask you aerial installer or your dealer about the type of satellite aerial system and the aerial settings.

In the "**Satellite System**" menu, indicate whether your aerial system receives channels from one satellite or from more than one.

If you only receive from one satellite...

A) Select the satellite at which your aerial is directed, e.g. Astra.

If, instead of the satellites offered, you want to program and receive from "Other" satellites, satellite-specific data must be set in the menus, see section "**Programming other satellites**", page 9.

→

This data can be obtained from satellite magazines or from your dealer.

B) In the "**High band**" menu, indicate whether it is possible to switch from low to high band using your satellite aerial.

C) In the "**LNC frequency(ies)**" menu, set the oscillator frequency for the LNC. The correct display of the reception frequency in the "Set channels manually" menu depends on this.

The frequency can be altered using the right/left arrows on the ring.

Note
The oscillator frequency is given in the LNC description or on the LNC, e.g. 9.75 GHz (9750 MHz) or 10.6 GHz (10600 MHz).

Confirm your entries using the **OK** button and this will take you to the "**Align/Pre-program**" menu,
Perform operating step D or ... →

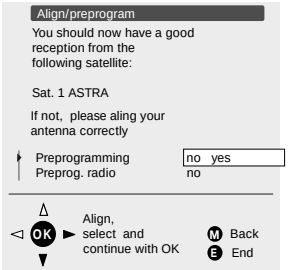
if you can receive from two or more satellites…

A) In the "**Satellite System**" menu, select the aerial switch corresponding to your satellite system.
The TV set supports:
2 satellites on 22 kHz switch
2 satellites on sound burst switch
4 satellites on DiSEqC switch
Joint system
Note
With "**Common satellite system**", no LNC power supply voltage is supplied by the "SAT A/D" socket.

B) In the "**Satellites on switch**" menu, select, for example, Astra for "**Sat. 1**" and Hotbird (13° east) for "**Sat. 2**", etc.

C) In the "**LNC frequency(ies)**" menu, set the corresponding oscillator frequency for each LNC.

D) In the "**Align/pre-program**" menu, you should now be able to receive a TV channel using an aerial directed at the satellite.
Note
TV channels have already been pre-programmed for the Astra, Hotbird (13° east) and Telecom 2B satellites, as have analogue satellite radio stations for Astra.



If you want to make use of this pre-programming, select "**Preprogramming yes**". If you select "Pre-program Radio no", then a search will not be made for satellite radio stations.

E) In the "**Automatic channel search**" menu an overview is given of the settings made to this point.
Select the line "**Change settings**" if you want to correct the settings.
After you have confirmed with **OK**, the "TV Location" menu is displayed again, etc.

F) If everything has been set correctly, start programming by selecting "**Perform search**" and confirm with the **OK** button.
Once the channel search and save is complete, the channel preview is displayed. This can be removed using the E button.

Programming other satellites …
Continued from page 8, operating step A).

For the following settings, you will need the corresponding information on the parameters of the channels transmitted by the satellite.

– Select the line "**Other**".
– Confirm with OK.
– Indicate whether your aerial system can also receive high band.
Note
Satellites can transmit channels in the low band and the high band.
– Enter the LNC oscillator frequency.
– In the "**Video parameters for Sat.**" menu, enter:
– the "**Standard**" (transmission standard)
If you select "Automatic", then a search will be made for broadcasting stations with the PAL, SECAM and NTSC standards. You can also search for a broadcasting station with a specific standard, e.g. SECAM.
– the "**Amplitude**"; normally "Amplitude Autom." is selected. For encoded channels, it may be necessary to set another amplitude value, e.g. 4.

→

Switching on for the first time

– "**Clamping**", normally "Clamping on" should be selected. However, some Pay TV decoders require an unclamped video signal. In this case, switch to "Clamping off" (the picture will flicker without a decoder).
– "**De-emphasis**"; normally "De-emphasis on" should be selected. Some Pay TV decoders require the baseband signal for decoding Pay TV channels; in this case, select "De-emphasis off".
– "**Polarity**"; satellites can transmit channels with a negative or a positive polarity. If the polarity is set incorrectly, a negative image of the picture will be displayed, or the picture will flicker.
– The "**Sound carrier for Sat.**" menu
In this menu you can select a sound carrier frequency using the right/left arrows on the ring or you can set a frequency in the range of 5.50 to 9.10 MHz directly using the number keys.
– For "**Sound carrier 1**", you should normally set a frequency of 7.02 MHz for stereo sound.
– For "**Mode 1**", you can select stereo, or mono with various bandwidths. If, for example, you set M110 for mono, then you can select another bandwidth for "Mode 2", depending on the broadcasting station.

Important
These settings apply to all channels from this satellite which have been located and saved. Since channels may be transmitted with different video parameters and sound carriers, corrections may need to be made for some channels after automatic searches and saves.
These corrections can be made at a later sate in the "Set Manually" menu.

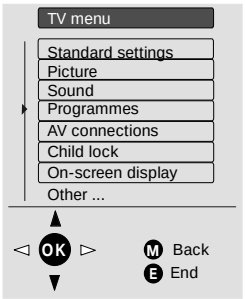
– In the "**Automatic channel search**" menu, an overview is given of the settings that have to be used for programming.
– If everything has been set correctly, start programming by selecting the line "**Start search**" and confirm with the **OK** button.

Sorting channels

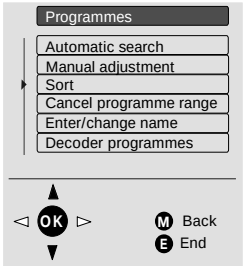
You can alter the sequence of channels.

Call up the "TV Menu" with the M button.

Select the line "Channels".



Select the line "Sort".



The channel preview is displayed in the "Sort" menu.

Select the name of the channel that you want to move.

Tap the blue button.

Move the channel name to the desired channel number. The channel name that was next to this number moves down a position.

End the procedure by tapping the blue button again.

If other channels are to be sorted, repeat the operating steps.

Deleting Channels

You can delete a channel from the channel preview, for example, if it has been saved twice.

Select the name of the channel that you want to delete.

Tap the red button.
All the other channels will move up a position.

Reserving/Inserting Channel Position

Select a channel number.
A position is reserved by pressing the yellow button.

All the subsequent channels will move down a position.

Daily Use

Switching On/Off

If the TV set is switched on, you can switch it to standby using the blue On/Off button on the remote control. The red standby indicator on the set will light up.
Power consumption in standby mode drops below 7 watt.
Note: if the green and red indicators are lit, the Timer Recording or Sat Radio function is active.

From the standby mode, it is best to switch on again using the blue On/Off button or a number key (channel 0 – 9). The green operating indicator then lights up.

Except on the Xelos the On/Off key is behind the operating panel cover. Open the flap of the operating panel.

If you switch off the TV set with the On/Off button on the set, none of the indicators will be lit any more. The set is then disconnected from the mains power supply.
Note: You will not be able to switch on the TV using the remote control.

Switching on the TV set:
Press button until it clicks into position and the green operating indicator lights up.

Activate eco-standby if you want to save power.
This will turn off the set immediately or after a specified period of time when you press the On/Off button on the remote control.

Eco-standby

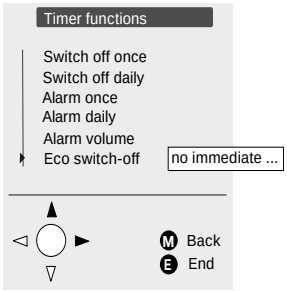
If eco-standby has been activated, in other words if it has been programmed, and you press the On/Off button on the remote control, the TV set will turn off immediately or after 30 or 60 minutes, depending on how it has been programmed. The set is then disconnected from the mains power supply.
Note: If a timer recording has been programmed, eco-standby will not be activated.

Programming eco-standby:

Call up the "TV menu" with the M button.

Select "**other**" and then the line "**Timer functions**".

Select the line "**Eco switch-off**".



Chose immediately, 30 or 60 minutes.

The setting is completed and saved by pressing this button.

Eco-standby is activated by pressing the blue On/Off button on the remote control.

Time/Date Timer Options

Press the **E** button to display this information.

The time and date are set automatically if a broadcasting station with Teletext is received. If the time is not correct, enter the information manually in the "TV Menu" under "other" → "Time and Date".

Timer options
If you want to remember a certain time on a certain day, once or daily, for example, or if the TV is to turn off (standby) once or daily at a certain time, you can set these functions in the "Timer options" menu.

Call up the "TV menu" with the M button.

Under "**other**" select the line "**Timer functions**".

Select the relevant line, if necessary.

Change to timer input

Enter the desired time for the TV to switch off or the "Time Reminder/Wake-up Timer" using the number keys.
You can also set a buzzer for the wake-up timer.
Select the line "**Alarm volume**" and set the desired volume.

End the adjustments.

Daily Use

Changing Channels

To select channels, up / down.

With the number keys on the remote control:

1-digit channels
Keep the 0 – 9 key pressed for one second, the channel will change immediately.
Or tap the 0 – 9 key, the channel will change after 2 seconds.

long

short long

2-digit channels
Keep the second number key pressed for one second, the channel will change immediately.
Or tap both number keys, the channel will change after 2 seconds.

short short short

3-digit channels
Tap all three number keys, the channel will change immediately. All channels can be entered using three digits, e.g. 007 for 7.

Switching between two channels

Switch to the last viewed channel using the yellow button.

Changing channels without remote control:

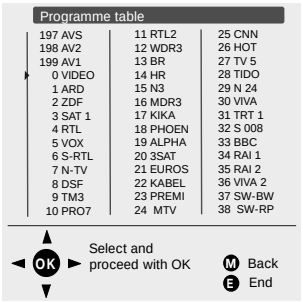
Open the operating panel flap on the TV set.
Channel up.

Channel down.

Channel Preview

When selecting channels, help can be provided by the channel preview that can be called up. You can select a channel directly from this preview.

Display/remove channel preview with OK.



The currently selected channel is indicated with a triangle.

To skip channel or …

scroll through in columns.

Call up channel using OK, the channel preview disappears.

Note
If the TV set is equipped with a satellite turner and if satellite radio stations have been saved, these are distinguished by an **R** after the channel number.

Adjusting sound

To adjust volume (only possible if no menu is displayed).

Operation on set, without remote control:

Tap the function button, an operating menu is displayed, “Volume” is highlighted

Volume louder

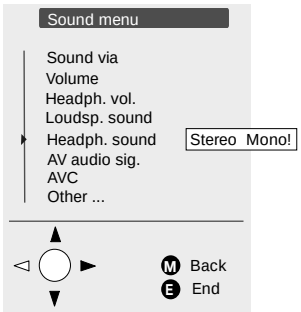
Volume quieter

The menu disappears automatically after a few minutes.

Further sound adjustments can be made in the “Sound menu”, the headphone volume and headphone sound can be selected and adjusted independently of the loudspeaker sound, for example.

To call up Sound menu

Select the line/function.



Change the function.

→

Adjusting sound

Line: “Sound via”
Select “Hi-fi system” if the TV sound is to be transmitted over a Hi-fi system. The TV loudspeakers are turned off. Use a cable to connect the Hi-fi system to the “AUDIO OUT” cinch sockets on the rear of the TV set.

Line: “**Hi-fi volume**”
if “Sound over Hi-fi system” has been selected. Here you can adjust the volume of the Hi-fi system using the TV remote control.

Line: “Volume”
You can adjust the loudspeaker volume using the right/left arrows on the ring.

Line: “**Loudspeaker sound**”
Here you can select a sound. You can choose between mono or stereo playback over the Hi-fi system for stereo programmes. For two-sound transmissions, you can select the main language, Sound 1, or the foreign language, Sound 2.

Line: “Headphone volume”
Use the right/left arrows on the ring to adjust the headphone volume, independently of the set loudspeaker volume.

Line: “**Loudspeaker sound**”
Here you can select a sound. You can choose between mono or stereo playback for stereo programmes. For two-sound transmissions, you can select the main language, Sound 1, or the foreign language, Sound 2. If the stereo reception is weak, you can switch to mono.

Line: “**Headphone sound**”
When receiving a two-sound programme from the cable network or from a roof-top aerial, you can select Sound 1 or Sound 2 for the headphones independently of the loudspeaker sound.
This is not possible for stereo/mono or satellite reception.

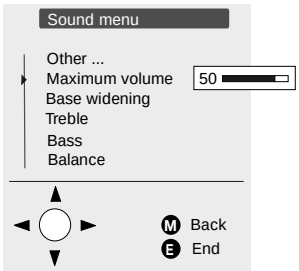
Line: “AV Output sound”
If a mono video recorder is connected to the audio/video connection socket (AV1 or AV2) of the TV set, you can select Sound 1 (main sound) or Sound 2 (foreign language) when receiving a two-sound programme. You should select “Sound 1+2” for a stereo video recorder. When playing back the recording, you can then select the sound on the recorder.

Line: “AVC”
Use the right/left arrows on the ring to switch the Automatic Volume Correction on and off. If “AVC” is switched on, differences in volume when changing from one channel to another are reduced.

You can make additional adjustments in the Sound menu under “**other**”:

To select menu line

To adjust



Line: “Max. volume”
You can limit the adjustable volume of the loudspeakers. This will prevent children from setting a volume that is too loud.
Use the right/left arrows on the ring to set a maximum value for the volume.

Line: “Base widening”
Changing to “**Base widening on**” adds width to the stereo sound.

Line: “Treble”
Use the right/left arrows on the ring to raise (values 1 to 12) or lower (values –1 to –12) treble sounds.

Line: “Bass”
Use the right/left arrows on the ring to raise or lower (values 1 to 12 or values –1 to –12) bass sounds.

Line: “Balance”
Use the right/left arrows on the ring to adjust the balance so that the overall impression of volume is the same on the right and the left.

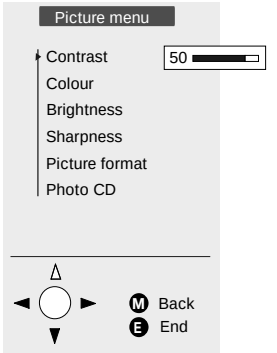
Daily Use

Adjusting Picture

To call up picture menu

Select menu lines

adjust



"**Contrast**"
The contrast setting depends on the brightness of the room. The contrast should be set higher if the surroundings become brighter.

"**Colour**"
Use the colour of people's faces as a guide when adjusting the colour intensity. Obviously, you should set a natural face colour.

"**Brightness**"
Adjust the brightness so that black areas of the picture only just appear black.

"**Sharpness**"
Adjust to get the best definition.

"**Picture format**"
The screen format of this TV set is 4:3. Many television films are transmitted in this format. Set "ext. 16:9" if you want the video recorder to play a rented video that has been recorded in the 16:9 format.

"**Photo CD**"
Turn on this function for optimum image definition if you want to view pictures on a photo CD.

Adjusting Contrast and Colour on the TV Set:

Open the operating panel flap on the front of the TV.

Press the function button until "Contrast" or "Colour" is highlighted

more contrast or colour

less contrast or colour

Standard settings

Use the M button to display the TV menu, provided that no other menu is displayed.

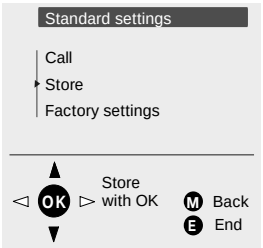
In the "Standard settings" menu, you can save your personal sound and picture settings, i.e., volume, contrast, colour intensity, as the normal settings, call them up, or call up the "Factory settings".

Select

or ...

Select line
„**Standard settings**"

Store standard settings



Parental Lock

The parental lock blocks operation of the TV set. You can block all the channels or only specific channels. You can block all the channels once, daily or for a certain period of time.
If the parental lock has been activated, the PIN code is requested when the appliance is turned on. If the PIN code is not entered, or not entered incorrectly, the TV switches back to standby mode after a short time interval. The red indicator on the TV control panel is lit up.

Activating parental lock:

Call up the TV menu

Select the line "Child lock"

Confirm with OK and ...

enter a four-digit PIN code.

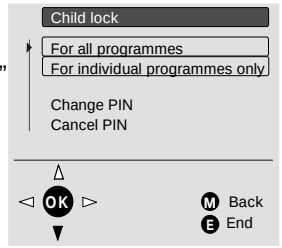
Remember the PIN code! (see page 29)

In the next menu you can choose whether the parental lock applies to all or specific channels, immediately or after the TV has been switched off or after a specific time period.

→

Parental lock for individual channels:

Select the line "For individual programmes only"



Select the channels to be blocked in the displayed channel preview.

Confirm with OK.
The channel name is displayed in red.
In the same way, you can block the next channel, and so forth.

Use the M button to go back to the "Child lock" menu.
You can change or delete the PIN code in this menu.

End the adjustment

Operation with programmed parental lock:
The parental lock is activated when the TV set is switched off with the remote control or with the On/Off button on the TV set.
If all the channels have been blocked, the picture disappears and the PIN code is requested after the TV has been switched on again or when the blocking period begins. A channel can only be viewed if the correct number is entered immediately, otherwise the TV switches to standby.
If individual channels have been blocked, the PIN code is requested if one of these channels is selected.

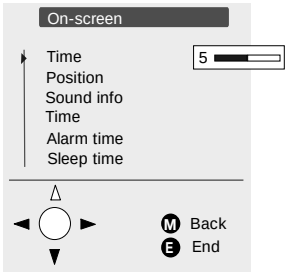
Displays

In the "Displays" menu, you can set:
- the duration of a display on the screen, 2 to 9 seconds
- the display position bottom / top
- Sound identifier no / yes
- Time no / yes
- Wake-up timer no / yes
- Sleep timer no / yes

Call up menu.

Select line "Displays".

confirm



adjust

End adjustment

Note on "Sound info"
If you have selected "Sound info on", the sound transmitted by the broadcasting station, e.g. stereo, mono, Nicam, Sound 1 or Sound 2, is displayed when the channel is changed.

Display status:

Tap this button if no menu is displayed.

Teletext Mode

Teletext provides you with information in text and images at no additional cost. The information is grouped into subject areas of topics and pages.
There are pages that contain a number of sub-pages; this is indicated at the top right of a Teletext page, e.g. 1/3. In other words, the first of 3 sub-pages is currently displayed. There are also pages with hidden content, e.g. for quiz questions or VPS times in the Teletext channel information.

With many channels, Teletext is transmitted using the TOP operating system (e.g. in Germany) or the FLOF operating system (countries outside Germany).
This TV set supports both operating systems.
As Teletext is transmitted continuously, page for page, there may be a waiting time when a page is selected, even with page memory.

The priority with Teletext is good TV reception, i.e. no noise or ghosting on the screen.

Teletext Operation:

To turn Teletext on/off

Preview page 100 or the Teletext page called up last is displayed.

Select a Teletext page, do this by entering the page number as a three-digit number.

After the page number has been entered, two page numbers are displayed. The first is the desired number, the second number runs through until the desired page number is received.

→

Daily Use

Teletext Mode

Note the bottom line on a Teletext page. With TOP or FLOF, there is a red, green, yellow and blue text field.
Correspondingly, you can also operate Teletext using the four coloured buttons on the remote control.

Use the green button to scroll forward to the next available page.

Use the red button to scroll back to the previous page.

Use the yellow button to advance to the subject area given in the yellow text field.

Use the blue button to advance to the topic given in the blue text field.

Use the i-button to scroll back to preview page 100.

Also note the symbols for operation displayed under the coloured text fields for the corresponding Teletext page.

▲▼ ◄ ► 1 2 3

Three-digit page numbers are given on many Teletext pages, you can select them directly.

View page using OK.

If a Teletext page with sub-pages is received, the selectable sub-pages are displayed, e.g. 1 2 3.

To select sub-page directly.

Changing Teletext character size:

By pressing the 9 key:
- once, upper half of the page
- twice, lower half of the page
- three times, normal page size

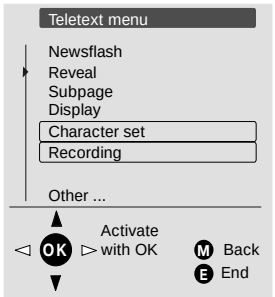
Multiple pages:
Multiple pages consist of a number of sub-pages that advance automatically. If you want to read a page at your own pace, then ...

press the 0 key on the remote control.
Press the key again to page forwards.

Latest News / News Flashes:
Select a headline news page, e.g. 111, using the number keys to display news on the TV screen.

If available, you can jump to other news pages.

When watching TV, you can have news flashes displayed by
A) calling up the Teletext menu using the **M** button,
B) selecting the line “News flashes” and
C) activating the function with **OK**.



The menu disappears and only the ✻ ✻ is displayed at the top left.

If a news flash is transmitted, this appears on the TV screen. Repeat the operating steps A to C for the next news flash, and so forth.

Revealing Hidden Text / Pictures:
Some pages contain hidden information, e.g. for quiz questions or VPS times in channel preview times.

Call up the “Teletext menu”.

Select the line “Reveal”.
Confirm with OK.
The Teletext menu disappears.
The entire contents of the Teletext page will then be displayed.

Selecting sub-pages directly:

In Teletext mode press the M button and ...

select the line “Sub-page” in the Teletext menu.

Enter the sub-page numbers, e.g. 0003, and the Teletext menu will disappear, a search is made for the sub-page.

Display:
Adjustments can be made in the line “Display” in the Teletext menu:

“**wide**”, the Teletext page covers the entire screen;
“**narrow**”, the Teletext page is displayed on the left with the TV picture on the right, after you ...

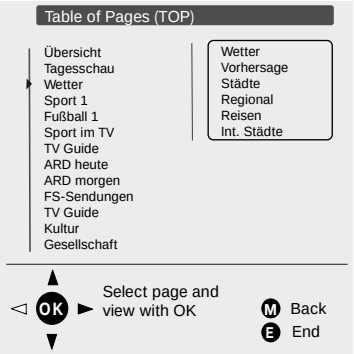
have pressed the M button.

To turn off Teletext.

Teletext Mode

TOP Table:
If you receive a TV channel that transmits the TOP Teletext operating system, you can quickly choose a topic from a subject list in the TOP table.

- Turn on Teletext using the T button.
- Press the OK button.
  The TOP table is displayed, provided that the channel provider transmits TOP.



- Use the up / down arrows on the ring to select a subject area and ...
- you will be able to call up a topic in the right-hand column quickly if more than one topic is offered.

Changing Character Set:
Use this function to convert Teletext to the specified languages. This is necessary for Turkish or Polish Teletext, for example.

- Turn on Teletext using the T button.
- Call up the Teletext menu using the M button.
- Select the line "Character set".
- Confirm with OK.
- Select the language for Teletext.
- Confirm with OK. The menu disappears and the Teletext page is displayed.

Preview Pages:
The programmed factory settings already include a channel preview page for many TV channels, usually page 301. If the channel information for a channel is transmitted under a different page number, you can enter this page number.

- In Teletext mode call up the Teletext menu using the M button.
- Under "other ..." select the line "Preview pages".
- Confirm with OK.

The page number is given after the channel name in the "Preview page" overview.

Changing page numbers:
Use the up / down or left / right arrows on the ring to select a channel.
Enter a different page number using the number keys.

Switch back to the Teletext menu using the M button.

Subtitle Pages:
The programmed factory settings already include a subtitle page for many TV channels.

- Under "other ..." select the line "Subtitle pages".
- Confirm with OK.

The page number is given after the channel names in the "Subtitle pages" overview.

Changing page numbers:
Use the up / down or left / right arrows on the ring to select a channel.
Enter a different page number using the number keys.

Recording:
The "Record" function enables you to transfer information from a Teletext channel preview page to make a recording using a video recorder simply by selecting the start time of a programme. The information is transferred to the "Timer information" menu. A Loewe video recorder connected to the appropriate AV connection socket (AV=Audio-Video) will switch on to record at the specified time and will switch off again at the end of the programme. When recording, the red and green indicators on the TV set will be lit.

Transferring recording information from Teletext:
Teletext mode must be on, if not tap the T button.

A) Call up the Teletext menu using the M button.
B) Select the line "Record".
C) Confirm with OK.
   The channel preview page, e.g. 301, is located and displayed.
D) Use the up / down arrows on the ring to select the start time of a programme.

Note
The green button takes you to the next channel preview page, the red button takes you back again.

E) Confirm with OK. The information is then transferred.
   To check this, the "Timer information" menu is displayed. Check that the date and recording time are correct.
F) The information is transferred by pressing the OK button.

If you want to transfer more recording information, press the M button.
The line "Record" is highlighted.
Perform steps C to F.

Operating Additional Equipment

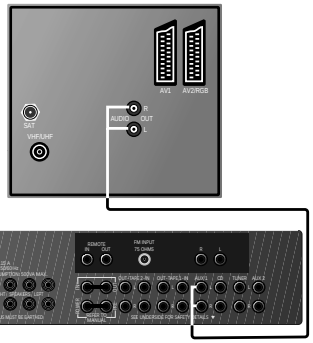
Connecting and Operating Audio/Video Equipment

Connection sockets for various appliances can be found on the front and rear of your TV set. The following can be connected: video recorders and camcorders using the VHS, 8 mm video, SVHS and Hi8 systems, Pay-TV decoders, SET-TOP boxes, satellite receivers, video cameras and many more.

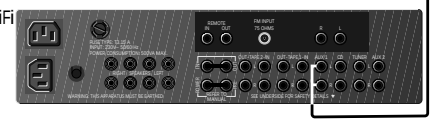
Connecting headphones:
The connection socket for headphones with a 6.3 mm stereo jack is on the TV control panel. Use headphones with an impedance of 32 ohm or more.

Connecting Hi-fi Amplifier/System:

Section of rear of TV



HiFi

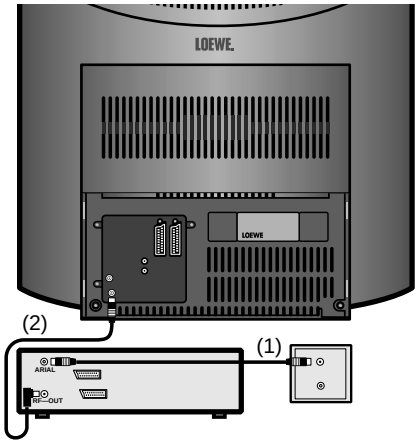


You can make the necessary adjustments to the playback of TV sound over the Hi-fi system in the "Sound menu".

Connecting Video Equipment:
Channel numbers 197 to 199 have been pre-programmed for playback from video equipment, such as video recorders, DVD players or camcorders and are assigned correspondingly to the AV connecting sockets AV1, AV2, AVS.
Channel number 197 for the AVS front sockets (only on Profil3472)
Channel number 198 for AV2
Channel number 199 for AV1

In principle, you can connect any video recorder to the TV set.
However, the design as well as the technology of Loewe video recorders are perfectly matched to this TV set. For example, you can operate the video recorder and the TV set with one remote control. You can also transfer recording information from Teletext to the video recorder, and so forth.

Connecting Video Recorder to VHF/UHF TV Aerial Input:



Disadvantages of connecting this way:
- Poorer picture and sound quality during playback.
- No stereo sound playback.
- The TV timer function cannot be used.
- Satellite channels cannot be recorded by the video recorder if the TV set is equipped with a satellite unit.

Video Playback over TV Aerial Input

The channel number zero on the TV set is pre-programmed with the following information for video playback:

– Range	UHF
– Channel	E 36
– Frequency	591.25 MHz
– Standard	B/G
– Colour standard	Automatic

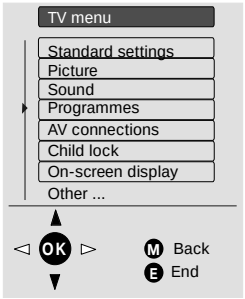
A) Select channel zero on the TV set.
B) Turn on the video recorder.
C) Select the test picture on the video recorder or insert a pre-recorded tape and switch to playback.

If the video recorder transmitter is also set to channel 36 (usual situation), then you should now be able to get sound and pictures.

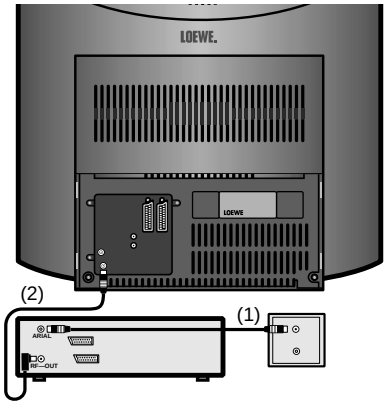
If you are not receiving a clear sound or picture, or not receiving anything, the video recorder is transmitting on a different channel; possible channel range UHF 30 to 39.
You can set transmitter channel 36 on the video recorder; the procedure for this is given in the operating instructions for the video recorder,
or ...
you can locate and save the transmitter channel on the TV set.

A) You have already selected channel number 0, now...
B) press the M button to display the "**TV menu**".

→



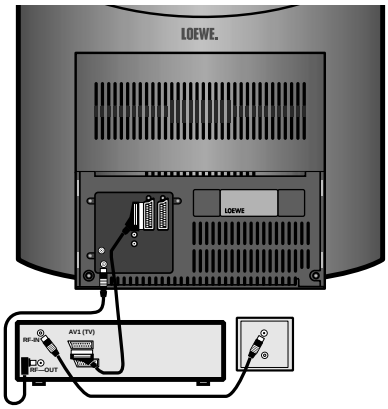
C) Select the line “Programmes”.
D) Confirm with OK.
E) In the “Programmes” menu, select the line “Setting manually”.
F) Confirm with OK.
G) In the menu, select the line “Channel”.
H) Set channel E30 using the number keys.
I) Disconnect the aerial cable (1) from the “RF in” aerial input of the video recorder.
K) Start the search by pressing the blue button.



The search will stop when the video recorder transmitter has been found.
L) Press the red button to save this. Channel zero (VCR) should be highlighted in blue in the displayed channel preview.
M) Press the red button again to save the video recorder transmitter.
N) Then connect the aerial cable (1) to the “RF in” aerial input of the video recorder again.

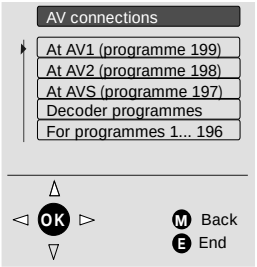
Connecting Video Recorder via AV Cable

Connect a video recorder to AV socket 1 or 2 via an AV cable (scart cable). It is also possible to connect two video recorders.

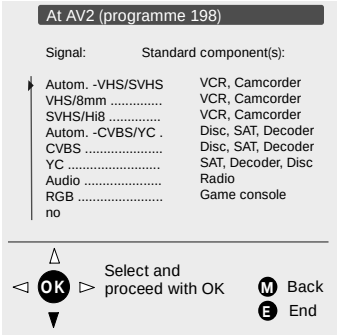


Advantages of connecting this way:
- Better picture and sound playback.
- Stereo sound playback possible.
- For two sound recordings, Sound 1 or Sound 2 can be selected.
- A hidden Loewe video recorder can be controlled using the TV remote control.
- It is possible to use the timer function of the TV set to turn on/off the Loewe video recorder for making recordings. This is a particular advantage if the TV set is equipped for receiving satellite channels. If this is the case, you can record these channels with the video recorder.

Setting Video Signal Type:
This setting depends on the connected video recorder or video equipment and can be carried out in the “AV Connections” menu.
The “AV Connections” menu can be called up from “Main Information” or from the “TV menu”.
A) Press the i button to call up “Main Information”.
B) Select the line “AV Connections”.
C) Confirm with OK.



D) Select the AV connection to which the video equipment is connected, e.g. “AV 2” (channel 198).



E) Select the signal type for the connected video equipment.

→

Operating Additional Equipment

Note
If you set “Automatic - VHS/SVHS”, for example, the signal type of the connected video equipment is usually detected during playback and set automatically for the AV connection socket used.
If a colour recording is to be played back by video equipment in back and white, then it is possible that the signal type will not be detected. In this case, select the corresponding signal type, e.g. VHS/8 mm or SVHS/Hi8, etc.
Some video equipment, e.g. Pay-TV decoders or computer game consoles, emit RGB signals (red, green, blue). This type of video equipment should be connected to the AV2 socket.
In this case, select the line “At AV 2 (channel 198) in the “AV Connections” menu. Under “Signal:” highlight “RGB”.

F) Confirm your settings with **OK**.
G) Normally, highlight “Automatic” in the “Standard” submenu. If the standard is not detected automatically, highlight the equipment-specific standard.
H) Confirm you setting with **OK**.

Operating Video Equipment via Video Operating Strip

Loewe video recorders with the Digital Link System and connected to the AV1/2 sockets can be operated via a video operating strip displayed on the screen.

V= To display/remove video operating strip.

There is a video operating strip for each appliance, provided you have connected the video appliances to AV1 and AV2 and have specified this in the “AV Connections” menu.

To select function.

OK Use OK to have the selected function carried out.

To select video operating strip if two video devices have been connected.

To turn on/off video equipment.

AUX To select AV socket on video recorder.

To rewind or search backwards.

To stop (STOP)

To play (PLAY)

To fast-forward or search forwards

Pause/Still

Record: The TV channel currently selected will be recorded.

Note
You will not be able to switch to a different channel now (the channel is locked). The lock is only cancelled when recording has stopped, then another channel can be selected.

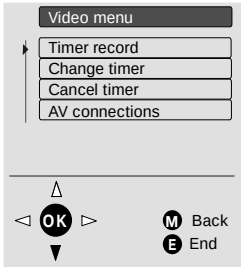
Exception:
If a satellite tuner is integrated in the TV set, you can select a satellite channel. This channel is recorded by calling up the video operating strip and switching the video recorder to record using the ⏺ button. It is then possible to switch to a TV channel from the cable network or the roof-top aerial or watch a video on a second video device.

Video Menu and Timer Recording

You can transfer recording information from Teletext to the “Timer recording” menu or enter it manually to record TV programmes with the video recorder.

V= To display the video operating strip.

M To remove the video menu.



Select the line “Timer record” and ...

OK confirm with OK.

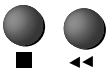
A channel preview is displayed if you select the line “Via Teletext (VPT)” and confirm with OK.

→

In the preview, highlight the channel that you want to record.

To select a column ...

Press the OK button to search for the Teletext preview page.



Use the green button to scroll to the next page and the red button to scroll back.

Use the up / down arrow buttons to highlight the start time.

Press the OK button and the timer information is displayed for you to check.
This can be altered, e.g. select AV connection 1 or 2, and then ...

transfer the information to the timer using the OK button.

A maximum of 4 timer recordings can be programmed.

Note

Ensure that the date and time on the TV set have been set correctly.
The start and end times of a programme may change, therefore you should use the VPS times by selecting "**VPS yes**" in the "Timer Information" menu.
The TV set must not be switched off at the TV control panel using the On/Off button if timer recordings have been programmed. "Eco-standby", if it has been programmed, is not activated with timer recordings.

With VPS recordings and if the TV set has been switched to standby using the remote control, the TV set will automatically switch to the corresponding channel approx. 1 hour before recording is due to start and will change to the timer mode, in other words, the green and red indicators on the TV control panel will light up. Switch the video recorder to standby as well, so that only the time is displayed.

Entering Timer Information "By Hand":

- Press the V= button.
- Call up the video menu using the **M** button.
- Select the line "Timer record".
- Confirm with OK.
- Select the line "Manual".
- Confirm with OK.
- In the preview, select the channel to be recorded.
- Confirm with OK.
- Check the timer information, such as AV connection, VPS yes or no, date.
- Enter the start and end times.
- Confirm with OK. The timer information is saved.
- Exit the menu using the **E** button.

Changing or Cancelling Timer

- Press the V= button.
- Call up the video menu using the M button.
- Select the line "Change timer".
- Confirm with OK.
- Select the timer to be changed.
- Confirm with OK.
- Make the corrections.
- Confirm with OK. The new timer information is saved.

To cancel timer information, select the line "Cancel timer" in the video menu.
Select the timer to be cancelled and confirm with OK in order to cancel it.

Playing Back Radio Signals over TV Set

If you want to play back over your TV set the sound signal from a satellite receiver or another music source, connect the appliance to the AV1 or AV2 socket using a corresponding cable.

A) Call up Main Information using the ◑ button and select "AV Connections".
B) Highlight the corresponding line in the "AV Connections" menu, e.g. AV 1 (channel 199).
C) Under "Signal:" highlight "Audio.....Radio".
D) Then press the OK button.
E) Remove the menu using the E button.

Listening to Radio:

- Call up the channel preview using **OK**; the letter **R** is given after a channel number for radio.
- If a channel labelled in this way is called up, the message "Radio Mode" is displayed for a few seconds and then the screen becomes dark.
  The red and green indicators on the TV control panel are lit in radio mode.

You can listen to radio and adjust the volume using the right/left arrows on the remote control.

Use the up/down arrows to switch to other stored radio stations.

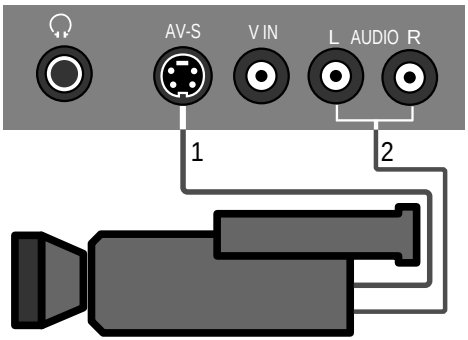
If you want to watch TV again, then ....

- enter the number of a TV channel using the number keys, or ...
- press the OK button,
- this will display the channel preview and you can then select another channel.

Operating Additional Equipment

Connecting TV Camera or Camcorder to AVS Front Connection Sockets

Picture detail for front of TV (only for Profil 3472 set).



1= Sound cable for stereo sound.
2= Video cable for SVHS / Hi8 signals or a special cable for VHS / 8 mm signals.

Playing back picture and sound via the AVS front connection:
Select channel number 197; this is pre-programmed for playing back video and sound, e.g. from a camcorder.

In addition to the AV-S connection socket, there is also a "V-IN" cinch socket on the Profil 3472 model. It is possible to supply the video signal from VHS or 8 mm camcorders to this socket. Never use both the AVS and the V-IN connections at the same time.

Note
You can select and save the video standard, e.g. VHS or SVHS/Hi8, and the colour standard, e.g. PAL etc., for channel 197 in the "AV Connections" menu.

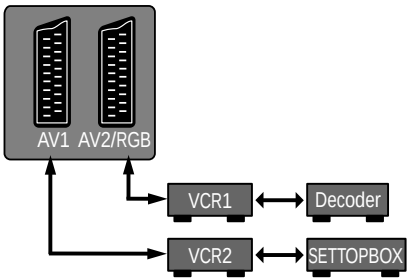
Video Playback via Other Channel Numbers

You can also use any other channel number for video playback, provided that the video equipment connected to an AV socket supplies a switching voltage to the TV set and the "AV Switching Voltage" under "For Programmes 1 ... 196" in the "AV Connections" menu is permitted.

Switch the video equipment to playback; this switches off the TV channel and the video can be played back.

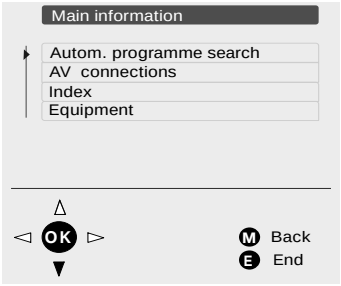
Decoder Channels

You must highlight encoded TV channels, e.g. premiers etc., as decoder channels. In other words, they are assigned to a specific AV connection socket, to which the Pay TV decoder is connected.
Example for connecting two video recorders and a decoder:
Connect the video recorder (VCR) and the



Pay TV decoder as shown in the connection diagram. A second video recorder and a SET-TOP BOX for digital TV may also be connected.

Highlighting Decoder Channels:
A) Press the i button to call up "Main Information".



B) Select the line "AV Connections".
C) Confirm with OK.
D) Select the line "Decoder programmes" in the menu.
E) Confirm with OK.
F) Select the line "For decoder connected to AV1" if the Pay TV decoder is connected to the AV1 socket.
Note
With some Pay TV channels, the picture and the sound are encoded. If this is the case, both signals must be decoded by the decoder and then sent to the video recorder and TV set.
G) Select the encoded channel in the decoder channel preview.
H) Confirm with OK. The channel number and name are now highlighted in blue.
I) Go back to the menu by pressing the M button.
J) Select the line "Sound from AV Socket 1" and set "Dec." using the right/left arrows on the remote control. If the sound is encoded only at times, then set "Autom.". If the sound is never encoded, set "TV".

Repeat operating steps F to H to program additional Pay TV channels.

Converting Remote Control for VTR or DVD Equipment

Loewe DVD players and video recorders can be operated directly using the remote control.

1. Converting remote control:

Press button,
the VTR indictor on the remote control lights up...

For DVD players, press the button again, the DVD indicator lights up...

press again, none of the indicators is lit up, **TV Mode** is activated.

Obviously if you switch to another appliance, e.g. VTR, the TV cannot be operated. Either switch back to TV or wait 20 seconds for the remote control to switch back to TV mode automatically. If the video recorder or the DVD player is no longer being operated (after 20 seconds), the remote control will switch back to TV mode, no indicator will be lit up.

Note: With Loewe video recorders VV3600H, VV8500H and VV5000M, use the original remote control or ...

2. In TV mode you can control Loewe video recorders connected to the Euro-AV sockets via the video operating strip:

To call up the video operating strip

Select device (AV socket), if two video devices have been set in the "AV Connections" menu.

To select function.

To start function.

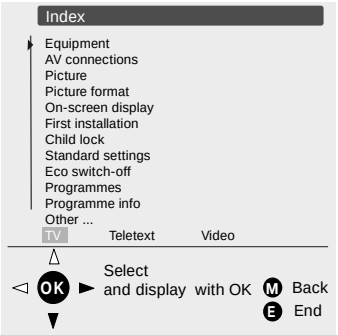
Index

You can access menus or Teletext quickly and directly from the index.
The index is found under Main Information.

Press this button.

Select the line "Index".

Confirm with OK.



To select operating mode: TV, Teletext or Video

Select an index item ...

and display it with OK .

Note

You can activate "Switching on for the first time" from the index if the TV set has already been programmed.

Setting Channels Manually

Setting Manually

The menu enables you to subsequently alter channels that have already been saved, or to search for others, add them to the channel preview and save them, provided that you know the transmission modalities of the broadcasting station.
The following functions can be performed:

1. Selecting TV reception range.
2. Setting channel number.
3. Directly entering frequency for a broadcasting station.
4. Entering channel names.
5. Selecting TV standard.
6. Selecting colour standard.
   Other adjustments can be made if the TV set is equipped with a satellite tuner, e.g.:

✻ Selecting satellite.
✻ Setting sound carrier frequency.
✻ Selecting mode – stereo/mono – bandwidth.
✻ Selecting satellite radio mode on/off.
✻ Setting video parameters.

Calling up "Set Manually" menu:

Press button.

Select the line "Programmes".

Confirm with OK.

Select the line "Setting manually".

Confirm with OK.

Select the "Range" in which you want to search for a broadcasting station.

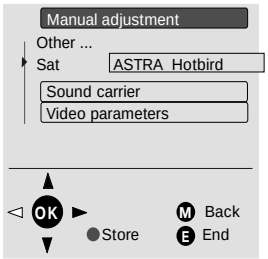
Select the line "Channel"
or ...
"Frequency" and ...

enter the numbers, if known.

You can also start a channel or frequency search by pressing the blue button.

The search stops when a broadcasting station has been found.
Note that only broadcasting stations with the set "TV Standard", e.g. B/G, are displayed correctly.
If you want to locate broadcasting stations with a different TV standard, you must first set the corresponding TV standard and set the "Colour Standard" to automatic, or set the colour standard and then start the search.
The channel name is displayed automatically if the broadcasting station also transmits Teletext.

✻ If the TV set is equipped with a satellite tuner and you want to search for a broadcasting station from a satellite, in the "Set Manually" menu under "other" first...



- the satellite must be selected ...
- and possibly also the satellite band low / high

Note
The "Band" menu only appears if it has been specified under "Switching on for the first time".

- then enter the satellite range "Sat/V" (vertical) or "Sat/H" (horizontal).
- Select "Automatic" under "Colour Standard".
- Under "Frequency" enter the frequency as a five-digit number, provided this is known for the broadcasting station.
- If the frequency for a particular broadcasting station is not known, then ...
- enter 001, for example, under "Channel" and ...
- start the search by pressing the blue button. The search stops when a broadcasting station is received. Start the search again with the blue button until the desired broadcasting station in the selected satellite range (Sat/V or Sat/H) and in the low/high band has been located.
  If the sound or picture is not very good, additional adjustments must be made.

Sound settings:

- In the "Set manually" menu, select the line "Sound carrier".

If you hear two sounds (languages) or noise on a channel, then for good sound playback

- switch from "Stereo" to "M110" or another bandwidth under "Mode 1".

Some broadcasting stations transmit more than one language or additional radio stations on different sound carrier frequencies.

- For this setting, select "Sound 1" and use the right/left arrows on the remote control to set the frequency 7.38 (MHz), for example.

→

You can also enter a frequency in the range 5.50 to 9.10 MHz directly.

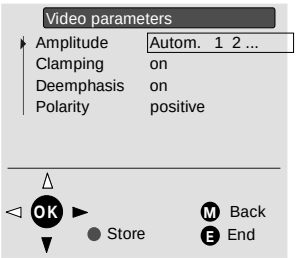
- If you want to store a radio station as such, then ...
- select the line “Radio mode 1”.
- Set “Radio mode 1 yes”.
  If you selected M110 under “Mode 1”, you can set a different sound carrier frequency under “Sound 2”.

Note
If stereo was set under “Mode 1”, stereo is entered automatically under “Mode 2”.
With “Stereo”, a bandwidth of 180 kHz is pre-selected; if the frequency of 7.38 MHz (left sound channel) is selected for “Sound 1”, for example, the right sound channel is automatically set to
7.56 MHz.

You can listen to satellite radio, as described on page 21.

Setting Video Parameters:

- In the “Set manually” menu, select the line “Video parameters”.



- Under “**Amplitude**”, normally “Amplitude Autom.” is set.
  It may be necessary to set a different amplitude value for encoded channels, values 1 to 7.
- “**Clamping**”, normally “Clamping on” should be set. However, some Pay-TV decoders require an unclamped video signal. In this case, change to “Clamping off” (without a decoder the picture will flicker).
- “**Deemphasis**”; normally “De-emphasis on” should be set. Some Pay-TV decoders require the baseband signal to decode Pay-TV channels; in this case, set to “De-emphasis off”.
- “**Polarity**”; channels can be transmitted with positive or negative polarity. Most satellites transmit channels with positive polarity. Some satellites in the 4 GHz range transmit with negative polarity. If the polarity is set incorrectly, a negative image of the picture will be displayed, or the picture will flicker.

Saving Settings:

Press the red button.
This will display the channel preview. A channel, i.e. a channel number, is highlighted in blue.

You now have two options for saving:

1. If you have altered settings for a channel that has already been saved, then “overwrite” the old settings by pressing the red button.
2. You can “insert” the channel into the channel list by pressing the yellow button.

To remove channel preview.

Note on TV Standards
Entering the TV location for the automatic channel search automatically sets the normal TV standard for this country.
If you can receive broadcasting stations from other countries, you may have to select the correct standard
under “TV Standard” in the “Set manually” menu.
Select a TV standard and confirm with OK; the colour standard is then assigned automatically.
If the quality of the colour picture is poor, the corresponding colour standard must be set manually.

* **Standard**	**Country**
PAL-B/G	D, DK, S, NL, A, I, E, P, N, B, etc.
PAL-I	GB, Ireland, South Africa
SECAM-L	France
SECAM-B/G	Greece, Lebanon, Tunisia
SECAM-D/K	Russia, Hungary
PAL-D/K	CR, SR, Hungary, China
PAL-D/Ks	Poland
NTSC-M	Japan, USA, US military transmitters in Europe
PAL-N	Argentina
NTSC-V	Special standard for NTSC video recorders with 4.43 MHz colour carrier frequency.
PAL-L	Special standard for camcorders in France

* depending on equipment and type of appliance

What to do when ...

Problem	Possible cause	Remedy
"AV Connections", "Timer recording", "Change timer" or "Cancel timer" settings are not displayed	a) A timer recording is currently taking place b) You are currently recording from the TV set via the video operating strip c) No video equipment is logged in	a) Wait until the timer recording has finished or cancel the timer (the recording is then interrupted). b) Wait until the recording has stopped. c) Record and timer functions are only possible if video equipment has been logged in.
The "Channels" menu item is missing from the TV menu and the "Automatic channel search" item is missing from Main Information	The parental lock has been activated. If these menus were accessible, children would be able to adjust the channels.	Deactivate channel-specific parental lock: switch off the parental lock in the TV menu – Parental Lock.
Loewe video recorder operation via the video operating strip and the timer are not functioning properly, or not at all	a) The Digital Link function on the video recorder has not been activated or is not possible. b) AV cable is not connected.	a) Activate Digital Link on the video recorder (see video recorder's operating instructions, for newer video recorders in the menu under "Settings") b) Connect AV cable.
General problems when connecting external equipment via an AV input	a) The appliance has not been logged in under the "AV Connections" menu or is connected differently. b) The AV standard has been set incorrectly. c) The AV signal has been set incorrectly.	a) Compare the actual appliance connection to the specified AV connection in "Main Information" under "AV Connections" and make a new selection, if necessary. b) Set standard according to the video equipment. c) Set AV signal correctly. If "Automatic" has been set in the "AV Connections" menu under "Signal" or "Standard", this may lead to incorrect detection for signals outside the standard. The standard and the signal must then be set according to the video equipment. The specifications can be found in the operating instructions for the external equipment.

Problem	Possible cause	Remedy
Connection of a decoder does not function properly or not at all	a) The signal is not being decoded because the decoder channel positions in Main Information – AV Connections – Decoder Channels – For Decoder at AV ... are not highlighted in blue. b) The sound is missing in decoder mode because Sound from AV socket ... – has not been set correctly under Main Information – AV Connections – Decoder Channels.	a) Under the "For Decoder at AV ..." sub-item, highlight the channel positions where the decoder is necessary. b) Correct setting (see decoder instructions).
No sound over the TV loudspeakers	a) The "Sound over ..." item has been set to "Hi-fi system" in the sound menu under "Sound".	a) Change setting to "TV".
All menus appear in the wrong language	Menu language was accidentally set incorrectly.	Set your menu language: 1. Call up the TV menu (if no menu is displayed), press the **M** button. 2. Select the last menu line "Language" and press the **OK** button. 3. Now select the correct language and 4. ... confirm with **OK**. 5. Remove the menu with the **E** button.
No time, wake-up timer, sleep timer display	In the "Displays" menu, "no" has been selected for time, wake-up timer, sleep timer.	Highlight "yes" in the "Displays" menu for each item.
No display for sound identifier of stereo, mono or 2-sound	In the "Displays" menu, "no" has been selected under "Sound identifier".	Highlight "yes" in the "Displays" menu under "Sound identifier". Press the E button and the channel name and sound standard will be displayed. If the broadcasting station changes the sound standard, this will also be indicated.

Technical Data

Type	Contur 2063	Contur 2070	Profil 3463	Profil 3470	Profil 3472
Part number	59428	59429	59431	59432	59433
Dimensions (cm) B x H x D	72,5 x 52,0 x 43,0	80,0 x 57,5 x 48,5	73,0 x 51,0 x 44,0	80,0 x 56,0 x 47,0	80,0 x 57,5 x 48,5
Weight (kg)	27	38,5	34	40	38,5
TV tube	Blackline S	Blackline S	Blackline S	Blackline S	Super Flat Blackline
Format	4:3	4:3	4:3	4:3	4:3
Screen class	63, visible 59 cm	70, visible 65 cm	63, visible 59 cm	70, visible 65 cm	72, visible 68 cm

Electrical Data

Chassis designation	E 3001
Frame repetition frequency	50/60 Hz
Power supply	220 V to 240 V / 50-60Hz
Power consumption	During operation approx. 90 Watt Standby < 7 Watt Sat-Standby < 50 Watt
Ambient temperature	5º – 40º Celsius
VHF/UHF/ Cable Tuner	
Hyperband 8 MHz	approx. 41 MHz to 860 MHz
Channel location memories	200
TV standards *	B/G, I, L, D/K, D/Ks, M, N
Colour standard *	SECAM, PAL, NTSC, NTSC-V, PAL-V
Sound standard	Mono/Stereo/2-sound *Nicam B/G, I, L
Rated audio power	2 x 20 Watt / 4 ohm
Audio music power	2 x 10 Watt / 4 ohm
Teletext	Level 1.5

Connections

Mini-DIN (Front)*	Video IN	S-VHS / Hi 8 VHS / 8mm (FBAS)
Cinch (Front)*	Audio IN	L + R
6.3mm Jack (front) headphones		32–200 ohm
IEC-socket 75 ohm		Aerial / Cable
EURO 1	Video IN/OUT	S-VHS / Hi8
	Video IN/OUT	VHS / 8 mm
	Audio IN/OUT	L + R
EURO 2	Video IN/OUT	S-VHS / Hi8 RGB
	Audio IN/OUT	L+R
Cinch	Audio OUT	Level adjustable

* depending on equipment and type of appliance

Available Accessories

Racks

Ask your dealer, he will be able to offer you the matching rack from the Loewe range for your equipment.

Sat Tuner 6

This tuner permits reception of analogue satellite channels.
It can be retrofitted by your dealer, provided your TV set is not equipped with a satellite tuner.

Printed in Germany
3/08/2000/5,0
Subject to modifications!

The code number 3001 cancels a PIN code and therefore also the parental lock. Please keep it in a safe place.

Service Adressen/addresses/adresses/indirizzi/direcciones/adresy

Australia
International Dynamics Australasia Pty Ltd.
129 Palmer Street
AUS - Richmond 3121, Victoria
Tel. 03–94 29 08 22
Fax 03–94 29 08 33

Benelux
Loewe Opta Benelux NV/SA
Lt. Lippenslaan, 54B
B–2140 Antwerpen
Tel. 0900–20 20 180
Fax 030–280 33 27

Loewe Opta Nederland B.V.
Ravenswade, 54A1
NL–3439 LD Nieuwegein (Utrecht)
Tel. 030–803 773
Fax 030–803 327

Česká republika
TIPA Spol. sr.o.
Dolí námestí 9
CZ–74601 Opava
Tel. 0653–62 44 04
Fax 0653–62 31 47

CIS
Service Center Loewe
ul. Verkhnyaya Maslovka, d. 29
RUS–125083 Moscow
Tel. 095–212 50 43, 956 67 64
Fax 095–212 47 10

Cyprus
Pangratis Liveras & Son Ltd
P.O. Box 3426
Liveras Building
7 Ajax Street Saint Omologite
CY–Nicosia
Tel. 02–66 34 96
Fax 02–66 42 12, 66 79 36

Danmark
Semi-Tech Consumer
Electronics (Denmark) A/S
Hørskætten 3
DK–2630 Taastrup
Tel. 43 59 77 77
Fax 43 59 77 00

Deutschland
Loewe Opta GmbH
Kundendienst Zentrale
Industriestraße 11
D–96317 Kronach
Tel. 09261–990
Fax 09261–95411

España
Gaplasa S.A.
Conde de Torroja, 25
E–28022 Madrid
Tel. 91–748 29 60
Fax 91–329 16 75

France
Sorep Import S.A.
Loewe Opta
11 rue de la Durance
F–67029 Strasbourg Cédex 1
Tel. 03–88 79 72 50
Fax 03–88 79 72 59

Great Britain
Linn Products Limited
PO Box 8465
Prestwick
UK – KA 7 2YF
Tel. 01292–47 15 52
Fax 01292–47 15 54

Hellas
SOUND HELLAS S.A.
Kleanthous Str. 10
GR–54642 Thessaloniki
Tel. 031–856 100
Fax 031–856 300

Helvetia
Telion AG
Rütistrasse 26
CH-8952 Schlieren
Tel. 01–732 15 11
Fax 01–730 15 02

Italia
General Trading Trust SpA
Via Volturno 10/12 - Scala B
I–50019 Sesto Fiorentino (FI)
Tel. 055–30 03 42
Fax 055–30 03 43

Magyarország
Kereskedelmi Részvénytársaság
Féhérvári út. 44
H–1119 Budapest
Tel. 01–206 60 00
Fax 01–206 60 40

Norge
CableCom AS
Bekkevn, 9
N–3218 Sandefjord
Tel. 033–48 33 48
Fax 033–48 33 33

Malta
Mirage Holdings Ltd
Flamingo Complex
Cannon Road
M–Qormi
Tel. 49 71 82
Fax 44 59 83

Österreich
Robert Bosch AG
Postfach 146
A–1011 Wien
Tel 01–79 72 24 500
Fax 01–79 72 24 599

Polsko
PPHU PAROS Sp. z o. o.
ul. Ustronie 1–3
PL–50-302 Wroclaw
Tel. 071–322 20 14, 322 20 17
Fax 071–322 10 61

Portugal
Videoacustica
Estrada Circunvalacao
Apartado 3127
P–1301-902 Lisboa Codex
Tel. 01–417 00 04
Fax 01–418 80 93

Sverige
Elektronikservice i GBG AB
Fridkullagatan 23
S–41262 Göteborg
Tel. 031–81 14 86
Fax 031–812 77 70

Slovenija
Jadran Export Import D.D.
Partizanska cesta 69
SL–6210 Sezana
Tel. 067–391 402
Fax 067–391 400

Turkey
ENKAY ELEKTRONYK Servys Müdürlüdü
Ambarlar cad: No.:3/C
Zeytynburnu 80600 Istanbul
Tel. 90 212 582 36 60
Fax 90 212 671 80 39

U.A.E.
Super Trading Establishment
P.O. Box 46409
Abu Dhabi - U.A.E.
Tel. 02–74 87 87
Fax 02–74 11 56

USA
SENSORY SCIENCE CORP.
7835 East McClain Drive,
Scottsdale,
Arizona
USA 85260-1732
Tel. 0602–998 34 00
Fax 0602–951 44 04